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April 29, 2025

Ms. Mary-Ellen Harper  
County Manager  
Levy County  
310 School Street  
Bronson, FL 32621

**RE: Proposal to Provide Engineering Services  
Cedar Key Bridge 4 Boat Ramp and Fishing Pier Repairs**

Dear Ms. Harper:

We appreciate the opportunity to provide this proposal to design, permit, and prepare construction documents for repair of the sea wall, east and west boardwalks, parking lot, boat ramp, and fishing pier at Bridge 4 located in Cedar Key, Florida. The infrastructure was damaged in 2024 during Hurricane Helene. An inspection of the damage was performed on October 31, 2024 by Mr. Carswell, the Levy County Engineer. Locklear has prepared this proposal based on our site visit, discussions with County staff, and subsequent discussions with the relevant regulatory agencies.

#### **OVERVIEW OF REPAIRS**

- Two boardwalks on the east side of the boat ramp
- One boardwalk on the west side of the boat ramp
- Remove and replace boat ramp
- Remove and replace seawall at the back of parking lot
- Resurface parking lot with 2" asphalt
- Remove and replace fishing pier deck, and remove and replace damaged beams
- Additional repairs, if any, identified during the structural evaluation

#### **PERMITTING REQUIREMENTS**

##### United States Army Corps of Engineers

On October 4, 2024, the United States Army Corps of Engineers (USACE) approved Emergency Permitting Procedures for damage resulting from Hurricane Helene. The emergency permitting procedures period ends on April 2, 2025. In order to meet this deadline, Locklear prepared and submitted an Emergency Permit Request to USACE on March 27, 2025. On April 3, 2025, the USACE issued emergency verification to use Nationwide Permit (NWP) 3.

### Florida Department of Environmental Protection

The proposed repairs are exempt from the Environmental Resource Permit requirements of the Florida Department of Environmental Protection in accordance with Rule 62-330.051(5)(d), F.A.C. and the First Amended Emergency Final Order (OGC No. 24-2534) dated October 5, 2024.

### Suwannee River Water Management District

The proposed repairs are exempt from additional permitting through the Suwannee River Water Management District since the project is not located within a Work of the District as specified in 40B-4.1030, F.A.C.

## **SCOPE OF SERVICES**

Locklear will provide the following services in order to prepare a complete bid package for the repairs:

### Phase 1

#### 1. Structural Evaluation

- a. Perform a structural evaluation of the current pier conditions. The evaluation will require two days on site with structural engineers and inspectors. The evaluation will include the pilings, cross supports and bracing, and the decking. A report of findings will be provided which will include recommendations for repairs and/or replacement actions to be included in the construction design and specifications documents.

#### 2. Engineer's Opinion of Probable Cost

- a. Prepare an engineer's opinion of probable costs based on the findings of the structural evaluation. Assist in securing funding from the Federal Emergency Management Agency (FEMA).

### Phase 2

#### 3. Geotechnical Evaluation

- a. Perform a geotechnical evaluation to support engineering design. This will be required in support of the seawall design as evidenced by USACE comments received on April 1, 2025. Data will also be collected to support the design of improvements to the boat ramp, parking areas, and pier pilings.

#### 4. Engineering Design

- a. Collect survey data using in-house GPS equipment as needed for design.
- b. Design typical section and plan view of parking lot

- c. Design sea wall based on structural and geotechnical evaluations. Locklear understands that the County would like to extend the existing seawall approximately 100 feet to the west and possibly raise the height of the entire seawall. Effort associated with wetlands or ecological permitting, if required, are not included.
  - d. Design ramp repair
  - e. Design east and west boardwalk repairs
  - f. Design fishing pier repair
  - g. Design erosion and sediment control requirements
- 5. Engineering Plans and Specifications
  - a. Prepare an engineering plan set and specifications for all aspects of the planned repairs. The plan set will include the following:
    - i. Cover
    - ii. Signature Page
    - iii. General Notes
    - iv. Summary of Bid Item and Quantities
    - v. Project Layout
    - vi. Parking Lot Typical Section, Plan, and Details
    - vii. Sea Wall Typical Section, Plan, and Details
    - viii. Ramp Typical Section, Plan, and Details
    - ix. East and West Boardwalk Typical Section, Plan, and Details
    - x. Fishing Pier Typical Section, Plan, and Details
    - xi. Soil Classification
    - xii. Storm Water Pollution Prevention Plan
    - xiii. Erosion and Sediment Control Plan and Details
- 6. Engineer's Opinion of Probable Costs (EOPC)
- 7. Bid Phase Services
  - a. Notice and bid schedule coordination
  - b. Prepare Estimate of Construction Quantities
  - c. Prepare Special Provisions if necessary
  - d. Prepare Bid Manual and Bid Forms
  - e. Attend pre-bid meeting
  - f. Assist with review of submitted bids
  - g. Assist with Contractor qualifications review
  - h. Provide Contractor with plans and other bid documents and forms.
- 8. Construction Phase Services
  - a. Perform weekly site inspections during construction or more frequently for key activities
  - b. Provide construction engineering inspection reports with photos documenting project construction
  - c. Perform substantial completion inspection and prepare punch list for contractor
  - d. Perform final construction inspection

## DELIVERABLES

Locklear will provide the County with the following deliverables:

1. Electronic copy of Plans
2. Electronic copy of bid manual and EOPC

## ASSUMPTIONS AND EXCLUSIONS

This proposal is provided with the following assumptions and exclusions:

- Ecology surveys (e.g., mangroves, sea grass, etc.) are excluded.
- Lighting design is excluded.
- Landscaping design is excluded.
- Bathroom design/repair is excluded.
- Utility design/repair is excluded.

## PROPOSED FEE

The scope of services described herein will be provided for a lump sum fee of \$67,000.

Phase 1	\$15,000
Phase 2	\$52,000
Total	\$67,000

## PROPOSED SCHEDULE

The scope of services for Phase 1 will be completed within 60 days from receipt of the Notice to Proceed. The scope of services for Phase 2 will be completed within 60 days from authorization to proceed with Phase 2.

Please feel free to contact me or Mary Jensen, P.E. at (352) 672-6867 if you have any questions or concerns regarding this proposal.

Respectfully,



John Locklear, P.G.  
President

**TEAM**  
**LOCKLEAR**